

July 8, 1998

TO: Members of the Transportation Review Committee

FROM: Jim Matteson, Phoenix, Chairman

SUBJECT: SUBCOMMITTEE MEETING ON LOW COST PROJECTS ON THE STATE HIGHWAY SYSTEM IN THE MAG REGION.

Tuesday, July 21, 1998 - 1:00 p.m.  
MAG Office, Suite 200, Saguaro Room  
302 North First Avenue, Phoenix

The first meeting of the MAG Subcommittee of the Transportation Review Committee on Low Cost Projects on the State Highway System in the MAG Region will be held at the time and place noted above. If you have any questions about the meeting, please contact Terry Johnson or Paul Ward at 254-6300.

TENTATIVE AGENDA

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| <p>1. Call to Order</p> <p>2. <u>Low Cost Projects on the State Highway System in the MAG Region.</u></p> <p>At their June 23, 1998 meeting, the MAG Transportation Review Committee (TRC) decided to hold a special subcommittee meeting regarding Low Cost Projects on the State Highway System in the MAG Region. The subcommittee will be asked to review the status of projects originally submitted in 1996 along with new projects submitted for consideration this year. The goal is to recommend a prioritized list of low cost projects for submittal to the Management Committee and Regional Council. Please refer to the attached memo.</p> | <p>2. For information, discussion and possible action.</p> |
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July 8, 1998

TO: Members of the MAG Transportation Review Committee

FROM: Paul D. Ward, Transportation Programming Manager

SUBJECT: LOW COST PROJECTS ON THE STATE HIGHWAY SYSTEM IN THE MAG REGION

At their June 23, 1998 meeting, the MAG Transportation Review Committee (TRC) decided to hold a special subcommittee meeting regarding Low Cost Projects on the State Highway System in the MAG Region. The subcommittee will be asked to review the status of projects originally submitted in 1996 along with new projects submitted for consideration this year. The goal is to recommend a prioritized list of low cost projects for submittal to the Management Committee and Regional Council.

#### BACKGROUND

At the February 28, 1996 Regional Council Retreat, the Working Group for Goal Setting recommended several projects for consideration in the MAG FY 1997 Unified Planning Work Program. One of these issues was to examine problematic portions of the completed freeway system and to identify low cost methods to improve traffic flow.

The Transportation Review Committee (TRC) appointed a subcommittee to investigate this matter. The subcommittee met on four occasions, identified 130 potential projects, analyzed the projects and ranked them. The TRC recommended a list of 18 potential low cost projects and this list was further recommended by the Management Committee and approved by the Regional Council at their December 4, 1996, meeting. The status of these projects was discussed at the May 26, 1998 TRC meeting. Members were requested to submit any projects for consideration for programming as low cost projects to MAG by June 15, 1998. Nine projects have been submitted to MAG for consideration, and all of the original 130 projects have been reviewed to determine their status.

#### CURRENT STATUS

Several of these low cost projects have been addressed through the ADOT scoping and/or programming process and the attached Table One contains a status report of the implementation of all of the original 130 projects. Of these projects, 83 have been deleted (4 have been completed, 3 are under design, 2 have been programmed, 11 are regarded as major projects and 63 are regarded as minor projects); 2 are awaiting programming; 22 projects are undergoing scoping and, when complete, will be eligible for programming; and 17 projects need further review. The status of all of the projects which have been resolved is detailed in

Table One. The 17 projects that require further review are listed in Table Two, together with the nine newly submitted projects. Scores for each project will be allocated, based on the original scoring system. Additional projects are expected to be provided for consideration by the ADOT Construction District and Maintenance District and these projects will also be scored and will be provided to members prior to the subcommittee meeting. If there are any questions regarding this subject, please call me or Terry Johnson at 254-6300.

**Table One - Status of All Resolved Low Cost Projects in the MAG Region**

Proj #	Jurisdiction	Location	Worktype	ADT	Cost	Status
LC 001	Maricopa County	US-60 (Grand Avenue) Loop 303 to Deer Valley Drive	Accelerating the design and construction of improvements. MCDOT may consider committing up to \$1,200,000 to the project	20,000		Deleted
LC 002	Tempe	I-10: US-60 to SR-143	Provide collector-distributor roads as identified in a JHK consultant study proposed for ADOT	87,100		Deleted
LC 005	Maricopa County	I-10 at Riggs Road	Improve turning radii at all ramps; retrofit bridge rails and create eastbound and westbound left turn lanes	12,000	\$125,580	Deleted
LC 008	Maricopa County	I-17 at Carefree Highway	Various improvements adding lanes, guardrails and signs	8,000	\$35,713	Deleted
LC 010	Mesa	US-60 (Superstition Freeway) at Alma School Road	Add one left turn lane in one direction (City of Mesa is willing to consider providing matching funds)	28,000	\$796,025	In scoping
LC 011	Mesa	US-60 (Superstition Freeway) at Country Club Dr	Add one left turn lane in one direction (City of Mesa is willing to consider providing matching funds)	21,500	\$448,825	In scoping
LC 012	Mesa	US-60 (Superstition Freeway) Price Road to Gilbert Road	Study installing auxiliary lanes between Loop 101 & Gilbert Road	130,000		Deleted
LC 013	Mesa	US-60 (Superstition Freeway) at Country Club Drive (SR-87)	Create a free flow right turn land on eastbound off ramp	8,000	\$16,900	In scoping
LC 014	Mesa	US-60 (Superstition Freeway) at Dobson Road	Add one left turn lane in one direction	24,000	\$464,100	In scoping
LC 015	Mesa	US-60 (Superstition Freeway) at Mesa Drive	Add one left turn lane in one direction	24,000	\$448,825	In scoping
LC 016	Phoenix	I-10 westbound N off-ramp for northbound 7th Street	Additional right turn lane for dual movement northbound on 7th Street	8,000		Deleted
LC 017	Phoenix	I-10 at 24th Street	Improve outside radius for eastbound on ramp	5,000	\$1,006	Deleted

**Table One - Status of All Resolved Low Cost Projects in the MAG Region**

Proj #	Jurisdiction	Location	Worktype	ADT	Cost	Status
LC 018	Phoenix	I-10 at 35th Avenue	Add a left turn lane on bridge from southbound 35th Avenue to eastbound I-10 and open southbound (closed) outer lane	15,000	\$24,739	Deleted
LC 019	Phoenix	I-10 at Chandler Boulevard	Widen eastbound Chandler Boulevard to add right-turn-only lane onto I-10 on ramp	14,000		Deleted
LC 020	Phoenix	I-10 at Chandler Boulevard	Widen southbound off ramp to add free right-turn lane (see also 134)	9,000		Deleted
LC 021	Phoenix	I-10 at SR-143/45th Street	Construct grade-separated directional ramp from southbound Hohokam freeway to eastbound I-10; as an interim measure to increase capacity for this movement, widen the existing southbound to eastbound loop ramp to two lanes	10,000		Deleted
LC 022	Phoenix	I-10 at University Drive	Add right turn lane form westbound university drive onto westbound-I-10	6,000	\$1,500,000	Deleted
LC 023	Phoenix	I-17 eastbound Frontage Road at 19th Avenue	Add right turn lane from 19th Avenue onto I-17 eastbound frontage road	11,000		In scoping
LC 025	Phoenix	I-17 at 19th Avenue	Move one ramp	20,000	\$304,564	In scoping
LC 026	Phoenix	I-17 at 24th Street	Widen 24th Street to provide six through lanes plus dual southbound to eastbound left turn lanes to match the widening and relocation of 24th Street from I-17 to Jefferson Street, programmed for construction this fiscal year	16,000		Deleted
LC 027	Phoenix	I-17 at 7th Avenue	Flatten out radii at eastbound on ramp (northbound to eastbound)	12,000		Deleted
LC 028	Phoenix	I-17 at 7th Street	Widen outside radius at westbound off ramp; relocate light pole, and relocate fire hydrant	27	\$16,770	Deleted

**Table One - Status of All Resolved Low Cost Projects in the MAG Region**

Proj #	Jurisdiction	Location	Worktype	ADT	Cost	Status
LC 029	Phoenix	I-17 at Adams Street	Close northbound off ramp southbound outer lane; widen westbound left turn lane by re-striping, and; resign and re-stripe second westbound lane from a through lane to a shared through left lane	15,000	\$13,000	Deleted
LC 030	Phoenix	I-17 at Cactus Road	Widen Cactus Road eastbound and westbound approaches to provide right turn only lanes	47,000	\$500,000	In scoping
LC 031	Phoenix	I-17 at Deer Valley Road	Flatten outside radius at northbound off ramp	2,000	\$719	Deleted
LC 032	Phoenix	I-17 at Greenway Road	Widen east side of southbound ramp	3,000		Deleted
LC 033	Phoenix	I-17 at Greenway Road	Widen northbound off-ramp terminal to three lanes; widen eastbound and westbound approaches to provide right turn only lanes	36,000	\$750,000	For scoping
LC 034	Phoenix	I-17 at Happy Valley Road	Move ramps	5,462	\$397,532	In scoping
LC 035	Phoenix	I-17 at Happy Valley Road	West of I-17 place additional 450 s.y. of asphalt on westbound & eastbound shoulders for additional turn channel southbound 29th Avenue	5,000		Deleted
LC 036	Phoenix	I-17 at McDowell Road	Reduce radius at northwest side of island at northbound off ramp	5,000		Deleted
LC 037	Phoenix	I-17 at Pinnacle Peak Road	Complete TI by constructing southbound off and northbound on ramps	12,000	\$135,000	For program
LC 038	Phoenix	I-17 at Pinnacle Peak Road	Install guardrail; widen all ramp terminals; and construct slip ramps for the southbound on ramp and the northbound off ramp	12,000	\$135,473	In scoping
LC 039	Phoenix	I-17 at Pinnacle Peak Road	Move ramps (option 2)	2,487	\$907,660	In scoping
LC 040	Phoenix	I-17 at Pinnacle Peak Road	Widen bridge and add left turn lanes (option 1)	2,487	\$1,843,140	Deleted
LC 041	Phoenix	I-17 at Thomas Road	Move westbound curb at northbound on ramp two feet to the south and reduce island	15,000	\$4,173	Deleted

**Table One - Status of All Resolved Low Cost Projects in the MAG Region**

Proj #	Jurisdiction	Location	Worktype	ADT	Cost	Status
LC 042	Phoenix	I-17 at Thunderbird Road	Various improvements involving lanes and ramps	35,000	\$92,170	For program
LC 043	Phoenix	I-17 at Thunderbird Road	Widen eastbound Thunderbird Avenue to provide right turn only lane	19,000	\$300,000	For scoping
LC 044	Phoenix	I-17 at McDowell Road northbound On-ramp	Open to traveling public	5,000		Deleted
LC 045	Phoenix	SR-51 at Highland Avenue	Remove median on bridge and on east leg to add double left turn lane from westbound Highland Avenue to southbound SR-51	10,000	\$75,000	For scoping
LC 047	Tempe	I-10 at Elliot Road	Relocate barrier of westbound on ramp and improve radius for turning movement	20,000	\$2,608	Deleted
LC 049	Tempe	SR-143 at I-10	Provide for a grade separated directional ramp for eastbound I-10 to northbound SR 143	12,000		Deleted
LC 050	Tempe	US-60 (Superstition Freeway) at Loop 101 eastbound	Widening US-60 eastbound from Loop 101 to as far east as is necessary to accommodate the existing 2 lanes southbound directional ramp on 101 to eastbound US-60 that is currently operated as one traffic lane	135,000		Deleted
LC 051	Tempe	US-60 (Superstition Freeway) at Mill Avenue, Rural & McClintock Road TIs	Widen for dual lefts and additional thru lanes	104,000		In scoping
LC 052	Tempe	US-60 (Superstition Freeway) at McClintock Drive	Add one left turn lane in each direction (option 2)	38,000	\$1,131,650	In scoping
LC 053	Tempe	US-60 (Superstition Freeway) at McClintock Drive	Add one left turn lane in one direction (option 1)	19,000	\$227,825	In scoping
LC 054	Tempe	US-60 (Superstition Freeway) at Mill Avenue	Add a lane to the westbound off ramp at throat; add a lane to eastbound off ramp at throat; and median modifications	15,000	\$65,816	In scoping

**Table One - Status of All Resolved Low Cost Projects in the MAG Region**

Proj #	Jurisdiction	Location	Worktype	ADT	Cost	Status
LC 055	Tempe	US-60 (Superstition Freeway) at Rural Road	Add one left turn lane in each direction	36,000	\$507,650	In scoping
LC 056	Tempe	US-60 (Superstition Freeway) at Rural Road	Add a left turn lane to the bridge	18,000	\$112,450	In scoping
LC 057	Tolleson	I-10 at 99th Avenue	Create additional storage on southbound 99th Avenue to eastbound I-10 on ramp and convert southbound through movement at eastbound on ramp to left turn and through movement	10,000	\$11,479	In scoping
LC 058	Maricopa County	I-08 Butterfield Trail	Minor project	3,000	\$2,257	Deleted
LC 059	Maricopa County	I-08 at Citrus Valley	Minor project	3,000	\$5,447	Deleted
LC 060	Maricopa County	I-08 at Painted Rock	Minor project	3,000	\$160,849	In scoping
LC 061	Maricopa County	I-08 at SR-85	Minor project	3,000	\$45,318	In scoping
LC 062	Maricopa County	I-08 at Vekol Road	Minor project	3,000	\$1,500	Deleted
LC 063	Maricopa County	I-10 at 339th Avenue	Minor project	5,000	\$975	Deleted
LC 064	Maricopa County	I-10 at 411th Avenue (Tonopah)	Minor project	5,000	\$4,679	Deleted
LC 065	Maricopa County	I-10 at Maricopa Road	Minor project	11,000	\$53,061	In scoping
LC 066	Maricopa County	I-10 at State Route 77 (Palo Verde)	Minor project	5,000	\$10,000	In scoping
LC 067	Maricopa County	I-10 at Wintersburg	Minor project	5,000	\$10,000	Deleted



**Table One - Status of All Resolved Low Cost Projects in the MAG Region**

Proj #	Jurisdiction	Location	Worktype	ADT	Cost	Status
LC 068	Maricopa County	I-17 at Desert Hills Road	Improve lighting	27,000	\$16,770	Deleted
LC 069	Maricopa County	I-17 at New River	Minor project	26,000	\$18,096	Deleted
LC 070	Maricopa County	I-17 at Pioneer Road	Minor project	4,000	\$400	Deleted
LC 071	Maricopa County	I-17 at Table Mesa Road	Minor project	20,000	\$3,397	Deleted
LC 072	Phoenix	I-17 at Arizona Canal	Provide bicycle crossing of I-17 along Arizona canal alignment			Deleted
LC 073	Phoenix	I-10 at 27th Avenue	Conduct a study to add a left turn lane from northbound 27th Avenue onto westbound I-10	7,000		Deleted
LC 074	Phoenix	SR-143 southbound to westbound I-10 and westbound Loop 202 to westbound I-10	Installing concrete barrier on landscape island	63,000		Deleted
LC 076	Chandler	Arizona Ave/Country Club Road: San Angelo to Chandler Boulevard	Signal project (9)	27,000		Deleted
LC 077	Chandler	Chandler Blvd at Arizona Ave	Signal project (1)	19,000		Deleted
LC 078	Chandler	Chandler Blvd at I-10 TI	Signal project (1)	26,000		Deleted
LC 079	Glendale	59th Ave at Grand Ave/Glendale Ave	Signal project (1)	19,000		Deleted
LC 080	Glendale	Bell Road at Loop 101 TI	Signal project (1)	42,000		Deleted
LC 081	Glendale	Glendale Ave at Grand	Signal project (1)	18,000		Deleted
LC 082	Glendale	Glendale Ave at I-17 TI	Signal project (1)	28,000		Deleted
LC 083	Goodyear	I-10 at Cotton Lane	Add lighting to ramp terminal	8,000	\$10,000	Deleted

**Table One - Status of All Resolved Low Cost Projects in the MAG Region**

Proj #	Jurisdiction	Location	Worktype	ADT	Cost	Status
LC 084	Maricopa County	99th Avenue at Grand Avenue	Signal project (1)	22,500		Deleted
LC 085	Maricopa County	99th Avenue at I-10 TI	Signal project (1)	11,000		Deleted
LC 086	Maricopa County	Bell Road at Grand Avenue	Signal project (1)	16,000		Deleted
LC 087	Maricopa County	I-17 at Desert Hills Road	Minor project	27,000		Deleted
LC 088	Maricopa County	SR-87 at Saguaro Lake turn off	Install lighting	110,000		Deleted
LC 089	Maricopa County	US-60 (Grand Avenue) at 111th Avenue	Northwest install wireless communication for signal coordination	40,000		Deleted
LC 090	Maricopa County	Apache Trail; Pinal County to Sossaman Road	Signal project (5)	20,000		Deleted
LC 091	Tempe	Baseline Rd at Price Freeway TI	Signal project (1)	38,000		Deleted
LC 092	Phoenix	59th Avenue at I-10 TI	Signal project (1)	17,000		Deleted
LC 093	Phoenix	Cactus Road at I-17 TI	Signal project (1)	35,000		Deleted
LC 094	Phoenix	Camelback Road at I-17 TI	Signal project (1)	48,000		Deleted
LC 095	Phoenix	I-10 at 40th Street	Increase signal head clearances at each off ramp	16,000	\$600	Deleted
LC 096	Phoenix	I-10 at 48th Street	Signal improvements	33,000	\$26,650	Deleted
LC 097	Phoenix	I-17 at Indian School Road	Signal project (1)	59,000		Deleted
LC 099	Phoenix	US-60 (Grand Avenue) Bell Road to Bethany Home Road	Signal project (21)	22,000		Deleted
LC 102	ADOT	Various Locations	Additional lighting & signals at Queen Creek Road, I-10, SR-347 and Maricopa Road			Deleted

**Table One - Status of All Resolved Low Cost Projects in the MAG Region**

Proj #	Jurisdiction	Location	Worktype	ADT	Cost	Status
LC 104	ADOT	Various Locations - interchanges	Coordinate with all local jurisdictions to optimize signal timing at cross streets on all Interstate traffic interchanges. A minor increase in traffic efficiency would have a significant positive influence on air quality (consultant)	0		For scoping
LC 105	ADOT	Various Locations - 22 ramps	Ramp metering at various valley locations	0	\$968,000	For scoping
LC 106	Avondale	I-10 at 115th Avenue off Ramp	Temporary lane striping during special events	4,000	\$100	Deleted
LC 107	Mesa	US-60 (Superstition Freeway) at Alma School Road	Create a free flow right turn lane on westbound off ramp	6,000	\$1,950	Deleted
LC 108	Mesa	US-60 (Superstition Freeway) at Mesa Drive	Create a free flow right turn lane on eastbound off ramp	5,000	\$6,500	Deleted
LC 109	Mesa	US-60 (Superstition Freeway) at Power Road	Taper the right turn lane for the right turns from southbound Power Road onto the westbound on ramp	11,000	\$800	Deleted
LC 111	Phoenix	I-10 at 19th Avenue	Additional vertical clearance signs	150,000	\$300	Deleted
LC 112	Phoenix	I-10 at 59th Avenue	Replace missing sign	105,000		Deleted
LC 113	Phoenix	I-10 at 67th Avenue	Provides shoulder edge stripe at southbound 67th Avenue bridge	19,000	\$300	Deleted
LC 114	Phoenix	I-10 at 75th Avenue	Fix signing and striping at southbound to eastbound on ramps and provide shoulder edge line at northbound 75th Avenue bridge	13,000	\$800	Deleted
LC 115	Phoenix	I-10 at 7th Avenue	Re-stripe lane drop of right turn lane onto eastbound I-10	13,000	\$400	Deleted
LC 116	Phoenix	I-10 at 83rd Avenue	Change signing (northbound right lane not restricted) and stripe out shoulder southbound on bridge deck	20,000	\$440	Deleted

**Table One - Status of All Resolved Low Cost Projects in the MAG Region**

Proj #	Jurisdiction	Location	Worktype	ADT	Cost	Status
LC 117	Phoenix	I-10 at Ray Road	Change striping on eastbound crossroad to lane drop striping	15,000	\$1,000	Deleted
LC 118	Phoenix	I-10 at Washington/Jefferson	Provide a vertical clearance sign in westbound direction	23,000	\$300	Deleted
LC 121	Phoenix	I-17 at 16th Street	Provide crosswalk and stop line at Rairdan Lane westbound	1,000	\$100	Deleted
LC 123	Phoenix	I-17 at Bethany Home	Re-stripe westbound right turn drop lane to standard stripe at northeast and southwest corner of intersection	25,000	\$800	Deleted
LC 124	Phoenix	I-17 at Glendale Avenue	Re-stripe right turn only lane to standard at northeast and southwest corner of intersection	52,000	\$100	Deleted
LC 125	Phoenix	I-17 at Indian School	Move yield sign at northbound frontage road 200 feet to the north	8,000	\$400	Deleted
LC 126	Phoenix	I-17 at Northern Avenue	Re-stripe right turn only lane drop to standard at northeast corner of intersection	26,000	\$800	Deleted
LC 127	Phoenix	Red Mountain Freeway at Hohokam	Bottle-neck (study underway for re-striping and auxiliary lane options)	46,000		Deleted
LC 128	ADOT	Various Locations	Converting down exit ramp arrows to up arrows	0		Deleted
LC 129	Phoenix	SR-51 at Glendale Avenue	Reconstruct islands for additional westbound through lane	20,000	\$40,000	For scoping
LC 130	Tempe	Red Mountain Freeway at McClintock Drive	Add a second northbound left turn lane	25,000		Deleted

**Table Two - Status of All Unresolved and New Low Cost Projects in the MAG Region**

Proj #	Jurisdiction	Location	Worktype	ADT	Cost	Status
LC 003	Avondale	I-10 at 115th Avenue	Dual off ramp on westbound I-10 for special event traffic to P.I.R.	20,000		Needs review
LC 004	Goodyear	I-10 at Litchfield Road	Add a third northbound lane under I-10	8,500	\$116,740	Needs review
LC 006	Phoenix	I-17 at 19th Avenue	Install an exclusive right turn lane for eastbound frontage road traffic needing to turn right onto 19th Avenue	4,000		Needs review
LC 007	Phoenix	I-17 at 7th Avenue	Install an exclusive right turn lane for northbound traffic on 7th Avenue needing to turn right onto the I-17 ramp	12,000		Needs review
LC 009	Maricopa County	SR-85 at Old US-80	Add northbound left turn lane and southbound right turn lane	2,000		Needs review
LC 024	Phoenix	I-17 at 19th Avenue	Convert Hilton Road to a one way westbound street; increase length of eastbound on ramp acceleration lane and; close the inner lane of the westbound off ramp at throat	20,000	\$108,420	Needs review
LC 046	Phoenix	US-60 (Grand Avenue) at various locations	Remove median noses within 300 of cross streets and add double left turns on Grand Avenue at Camelback, Indian School & Thomas Roads	22,000	\$225,000	Needs review
LC 048	Tempe	Red Mountain Freeway at Priest Drive	TI improvements for special events, eastbound off ramp and westbound on ramp	19,000		Needs review
LC 075	Phoenix	SR-51: Indian School to Bethany Home Road	Modify drainage area (grates erosion, etc.) possible study required. Correct drainage for future median closure project	110,000		Needs review
LC 098	Phoenix	US-60 (Grand Avenue): 19th Avenue to 75th Avenue	Develop progress on plan with hardware changes if necessary	24,000		Needs review

**Table Two - Status of All Unresolved and New Low Cost Projects in the MAG Region**

Proj #	Jurisdiction	Location	Worktype	ADT	Cost	Status
LC 100	ADOT	US-60 (Grand Avenue) at various locations	Expansion of ADOT FMS and eliminating left turns on Grand Avenue during peak hours at high pollution crossings like Indian School and Thomas Roads	22,000		Needs review
LC 101	ADOT	US-60 (Superstition Freeway) at various locations	Modification of barriers to allow right on red on interchanges	0		Needs review
LC 103	ADOT	Various locations	Greater investment, testing and implementation of Rhodes project			Needs review
LC 110	ADOT	I-10 westbound at I-17 northbound and southbound	Split on ramp for 3 to 2 split re-stripe and sign eliminate optional center lane	39,000		Needs review
LC 119	ADOT	I-10 southbound at SR-51 southbound and SR-202 eastbound Interchange	Re-stripe & add auxiliary lane to southbound I-10 for transition into 4 lanes from existing 3 lanes on I-10 up to MP 148.5 (study)	57,000		Needs review
LC 120	ADOT	I-10: SR-51/SR-202 to I-17	Re-stripe eastbound I-10 to mainline to add auxiliary lane between the two system interchanges. (Currently three I-10 lanes merge with two SR-51 lanes and drop to three lanes. This re-striping would result in 3+2 lanes merging to 4)	49,000		Needs review
LC 122	Phoenix	I-17 at Bell Road	Extend gore area for southbound on ramp, ramp metering storage & improve weaving	6,000		Needs review
LC 201	Peoria	91st Avenue at Agua Fria Freeway	Add one northbound on ramp and one southbound off ramp	6,000		New
LC 202	Mesa	US-60 (Superstition Freeway) at Stapley Drive	Widen for dual left turn lanes and additional thru/ramp lanes	29,000		New
LC 203	Mesa	US-60 (Superstition Freeway) at Gilbert Road	Widen for dual left turn lanes and additional thru/ramp lanes	34,500		New
LC 204	Mesa	US-60 (Superstition Freeway) at Val Vista Drive	Widen for dual left turn lanes and additional thru/ramp lanes	23,500		New

**Table Two - Status of All Unresolved and New Low Cost Projects in the MAG Region**

Proj #	Jurisdiction	Location	Worktype	ADT	Cost	Status
LC 205	Mesa	US-60 (Superstition Freeway) at Val Vista Drive	Construct external left turn lane storage at crossroads	23,500		New
LC 206	Mesa	US-60 (Superstition Freeway) at Greenfield Road	Construct external left turn lane storage at crossroads	13,000		New
LC 207	Mesa	US-60 (Superstition Freeway) at Higley Road	Construct external left turn lane storage at crossroads	17,000		New
LC 208	Mesa	US-60 (Superstition Freeway) at Gilbert Road	Construct dual eastbound exit ramp	25,000		New
LC 209	Phoenix	I-10 at Ray Road	Median modifications on Ray Road to north and southbound turning lanes to provide more storage	36,000		New